

IN THE CLAIMS

1. (Previously Presented) An apparatus that enables one mobile device to leave a voice mail for another mobile device user in the event that communication between said mobile devices is dropped during a call, the apparatus comprising:

voice message processing circuitry in communication with cell equipment of at least one cell of a wireless network, the voice message processing circuitry configured to:

determine if the communication between said mobile devices has been dropped during a call between the mobile devices;

determine which of the mobile devices has been dropped in response to determining that the communication between the mobile devices has been dropped; and

route the call from the mobile device that was not dropped to a voice mail associated with the mobile device that was dropped in response to determining which of the mobile devices has been dropped

2. (Original) The apparatus of claim 1, wherein the voice message processing circuitry is comprised at a mobile switching center (MSC) of the wireless network, the MSC being in communication with said at least one cell of a wireless network.

3-4. (Canceled)

5. (Previously Presented) The apparatus of claim 2, wherein when the communication associated with the call is dropped, the MSC causes the mobile device that was not dropped to be notified that the call has been dropped and that the mobile device that was not dropped is being

connected to the voice mail system associated with said dropped mobile device user so that the mobile device that was not dropped can leave a voice message for said mobile device user.

6. (Previously Presented) The apparatus of claim 1, wherein when the communication associated with the call is dropped, and after the mobile device that was not dropped leaves a voice message for said dropped mobile device user, the voice message processing circuitry causes a signal to be transmitted to the cell equipment, which transmits a notification intended for said dropped mobile device user to inform said dropped mobile device user that the mobile device that was not dropped has left a message for said dropped mobile device user to which said connection has been dropped from the call.

7. (Currently Amended) A wireless network that enables a telephony device of a party in communication with a mobile device of a mobile device user to leave a voice mail for said mobile device user in the event that the communication with said mobile device is dropped during a call between said party and said mobile device user, the wireless network comprising:

at least a first mobile switching center (MSC);

cell equipment of at least a first cell of a first wireless network, the cell equipment of the first cell being in communication with the MSC; and

voice message processing circuitry in communication with cell equipment of at least one cell of a wireless network, the voice message processing circuitry configured to:

determine if the communication between said party and said mobile device user ~~mobile devices~~ has been dropped during a call between said party and said mobile device user ~~the mobile devices~~;

determine that the mobile device ~~which of the mobile devices~~ has been dropped in response to determining that the communication between the party and the mobile device user ~~mobile devices~~ has been dropped; and

route the call from the telephony device ~~mobile device that was not dropped~~ to a voice mail associated with the mobile device that was dropped in response to determining that which ~~of the mobile devices~~ communication between the party and the mobile device user has been dropped.

8. (Currently Amended) The wireless network of claim 7, further comprising:

at least a second mobile switching center (MSC); and
cell equipment of at least a second cell of a second wireless network, the cell equipment of said second cell being in communication with the second MSC, the second MSC being in communication with the first MSC, the voice message processing circuitry being comprised at the second MSC, wherein the first MSC informs the second MSC of the dropped call in response to determining that the call has been dropped and the second MSC automatically causes the telephony device ~~mobile device that was not dropped~~ to be connected to a voice mail system associated with the dropped mobile device so that the telephony device ~~mobile device that was not dropped~~ can leave a voice mail message for said dropped mobile device.

9. (Previously Presented) The wireless network of claim 7, wherein the voice message processing circuitry is comprised at said cell equipment of said at least a first cell.

10-12. (Cancelled)

13. (Currently Amended) The wireless network of claim 7, wherein when the communication associated with the call is dropped, the first MSC causes the telephony device ~~mobile device~~ that was not dropped to be notified that the call has been dropped and that the telephony device ~~mobile device~~ that was not dropped is being switched to the voice mail system of said dropped mobile device user so that the telephony device ~~mobile device~~ that was not dropped can leave a voice message for said dropped mobile device.

14. (Currently Amended) The wireless network of claim 7, wherein when the communication associated with the call is dropped, and after the telephony device ~~mobile device~~ that was not dropped leaves a voice message for said dropped mobile device, the first MSC causes a signal to be transmitted to the cell equipment of the first cell, which transmits a notification intended for said dropped mobile device to inform said dropped mobile device that the telephony device ~~mobile device~~ that was not dropped has left a message for said dropped mobile device.

15-23. (Canceled)